



CIRCULAR NO.24-3-1

INTERPRETATIONS

Attached are interpretations issued by the Board in respect of Australian Design Rule No. 24-Tyre Selection (July 1979). They should be read in conjunction with Circular No. 0-11-1.

This Circular supersedes Circular No. 36 and Interpretations No's .1 to 9 of ADR 24 in Circular No. 47 of the First Series of Board Circulars

AUSTRALIAN MOTOR VEHICLE CERTIFICATION BOARD

INTERPRETATIONS

Australian Design Rule No. 24 - Tyre Selection

as endorsed by the Australian Transport Advisory Council - July 1979.

Interpretation No. 1 (Clause 24.2.1)

Question: Is it permissible to have on the placard additional information to that specified in Clause 24.2.1?

Answer: Yes, provided the additional information is consistent with any condition associated with the Board's approval to fit Compliance Plates.

Interpretation No. 2 (Clause 24.1.1)

Question: If the vehicle manufacturer's recommended engine speed would be exceeded by the test or calculation required in Clause 24.1.1 may the test be terminated at a distance of less than one mile?

Answer: Yes, provided that the engine revolutions per minute at which the test is terminated is not less than:

- (a) The governed maximum engine speed, or
- (b) An engine speed clearly shown by a tachometer visible to the driver as the maximum permissible engine speed, or
- (c) An engine speed equal to 110% of that recommended by the vehicle manufacturer as the maximum and advised to the vehicle owner either by inscription on the vehicle or by inclusion in a publication supplied with the vehicle.



Interpretation No. 3 (Clause 24.1)

Question: What is the maximum loaded weight of a station wagon in which third seat is provided in the normal luggage space?

Answer: The maximum loaded weight will be the greater of the two values established as follows:

- (a) 150 lbs multiplied by the maximum number of seating positions,
- (b) 150 lbs multiplied by the number of seating positions apart from those of the third seat, plus this number of seating positions multiplied by 30 lbs.

Interpretation No. 4 (Clause 24.1)

Question: Are the weights of jack, tools and spare tyre included in 'Unladen vehicle weight'?

Answer: Yes, if these items are standard equipment provided with the vehicle as presented for initial registration.

Interpretation No. 5 (Clause 24.1)

Question: Where shall the load representing luggage be located on calculating the 'loaded weight of the vehicle'?

Answer: The load representing the luggage shall be placed in the appropriate space provided (the trunk) and the center of gravity of the load should coincide with the center of the space.

Interpretation No. 6 (Clause 24.1.1)

Question: Can the maximum vehicle speed be established by calculation alone?

Answer: Clause 24.1.1 of the Design Rule is interpreted as meaning that for any vehicle the maximum vehicle speed shall be the same whether determined by test or by calculation. However, as there is no universally accepted formula and the values adopted for various factors in the calculations may vary, it is necessary for a manufacturer who elects to determine 'maximum vehicle speed' by calculation to establish correlation of speeds so determined with results obtained by test on similar vehicles.

Interpretation No. 7 (Clause 24.2.2.3)

Question: Is it permissible to fit tyres of higher performance rating to vehicles when a lower performance rating only is shown on the placard?

Answer: Yes.

Issued by the

Administrator of Vehicle Standards

in consultation with the

Australian Motor Vehicle Certification Board

comprising Commonwealth, State and Territory representatives



Australian Government

Department of Infrastructure and Regional Development

Interpretation No. 8 (Clause 24.2.2.3)

Question: Is it permissible to fit tyres of the same size designation but of higher maximum loading ratings than those shown on the placard?

Answer: Yes

Interpretation No. 9 (Clause 24.1 .3)

Question: The definition of Normal Loaded Vehicle Weight for a passenger car derivative (Clause 24.1.3) requires that the loading space be occupied by a weight equal to one third of the difference between maximum loaded vehicle weight and 'this weight'. Is 'this weight' the Normal Loaded Vehicle Weight?

Answer: No. It is 'the sum of the unladen weight together with the heaviest factory installed options, if such individual options weight five pounds or more, plus 150 pounds for the front seat occupant if only one front seating position is provided or 150 pounds for each of two front seat occupants if more than one front seating position is provided'.